

CLAIMS

1. A method for managing a dynamic file system, comprising the step of:

5 embedding one or more static data objects in the dynamic file system which are excluded
from actions performed dynamically on the file system.

2. The method of claim 1 comprising the step of:

10 defining an embedded static object by a memory address and a fixed size.

3. The method of claim 1 comprising the steps of:

15 creating an embedded static data object by specifying a predetermined storage size;

scanning memory for an available storage area large enough in size for receiving the static
data object; and

20 allocating the storage area for the static object.

4. The method of claim 1 comprising the steps of:

25 creating an embedded static data object by specifying a storage area having a
predetermined memory address and a predetermined storage size;

allocating the storage area if it is not being used; and

30 if the area is already in use, moving data using the area to a different memory location and
allocating the area thereafter.

5. The method of claim 1 used for managing a file system on a chipcard.
6. The method of claim 5 comprising the step of accessing a static object in a pre-boot phase of a host system connected to the chipcard.
7. The method of claim 6 comprising the step of storing security-relevant data in a static object .
8. A chipcard comprising a dynamic file system managed by the method of claim 1.
9. A computer operating system program for execution in a data processing system comprising computer program code portions for performing respective steps of the method of claim 1 when the code portions are executed on the data processing system.
10. A computer program product stored on a computer usable medium comprising computer readable program means for causing a computer to perform the method of claim 1 when the program product is executed on the computer.